

ABSTRACT OF THE DISCLOSURE

A truss type actuator including two piezoelectric devices drives a chip member provided at a crossing point of the piezoelectric devices for moving along an elliptic or a circular trail. Only one piezoelectric device is driven for transmitting vibrations thereof to the other non-driven piezoelectric device. By selecting a frequency of driving signals, both of the piezoelectric devices are resonantly vibrated with a phase difference of 90 degrees.